

## EAST Search History

Ref	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	121	250/201.6.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 10:30
S24	27	((tree lumber pole) same (survey measurement measuring)) and ((two pair paired couple) with (reference near3 (point mark tag indicia indice reflector))) and ((measure determine measuring determining determination measurement) with reference with (distance separation spacing)) and ((calculat\$3 comput\$5 determin\$5) with (apparent relative proportional) with (distance separation spacing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 08:42
S66	0	(apparatus device appliance instrument equipment system) and (frame structure framework) and (((first primary) near3 (projection beam ray) near3 source) same ((second subsequent secondary additional) near3 (projection beam ray) near3 source) same ((substantially essentially practically) near3 parallel) same ((on attached afixed fixed mounted) near3 (frame structure framework))) and (((third further another other) near3 (projection beam ray) near3 source) same ((on attached afixed fixed mounted) near3 (frame structure framework))) and (((projection beam ray) near3 source) same ((vertical vertically) near3 (aligned alignment)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 07:43
S67	1461	((timber tree trunk) near3 meter) clinometer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 07:45
S68	555	((timber tree trunk) near3 meter) clinometer) and (beam ray light laser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 07:46
S69	11	((timber tree trunk) near3 meter) clinometer) and (beam ray light laser) and ((measure determine detect sense measurement determining measuring sensing detecting detection determination measured detected determined sensed) with ((timber tree trunk) near3 (height width)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 08:38

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S70	0	((timber tree trunk) near3 meter) clinometer) and (beam ray light laser) and ((measure determine detect sense measurement determining measuring sensing detecting detection determination measured detected determined sensed) same ((timber tree trunk) near3 (height width dimension))) and ((image picture) with (ratio proportion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 08:39
S71	5	((tree lumber pole timber) with (height length girth width thickness verticality dimension dimensionality) with (survey measurement measuring surveying measure surveyed measured determining determination determined sensing sense sensed detect detecting detection detected)) and ((two pair paired couple) with ((reference standard) near3 (point mark tag indicia indice reflector indicator flag))) and ((measure determine measuring determining determination measurement) with (reference standard) with (distance separation spacing dimension range)) and ((calculate calculating calculation compute computing computation computed calculated determine determinig determined determination) with (apparent relative proportional) with (distance separation spacing))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 08:52
S72	465	702/127.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S73	310	702/155.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S74	317	702/158.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S75	261	702/159.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S76	137	702/166.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S77	199	702/170.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S78	39	702/171.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:52
S79	91	702/172.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 08:53

## EAST Search History

S80	0	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and (((projection beam light laser optical) near3 (path route)) same ((projection beam light laser optical) near3 (source emitter origin)) same ((substantially practically essentially) near3 parallel)) and ((positioned attached fixed affixed mounted) near3 (frame structure framework)) and ((oriented positioned located) with angle with relative with ((projection beam light laser optical) near3 (path plane))) and (((projection beam light laser optical) near3 (source emitter origin)) with ((vertically vertical) near4 (aligned alignment aligning))) and ((angle obliquity) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware) near3 (operatively functionally) near3 (connected attached affixed fixed mounted) near3 (structure framework frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:18
S81	14086154	(apparatus device appliance instrument equipment hardware)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:14
S82	3954120	(apparatus device appliance instrument equipment hardware) and (frame structure framework)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:14
S83	24925	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:15
S84	13361	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:15

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S85	2600	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:15
S86	74	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and (((projection beam light laser optical) near3 (path route)) same ((substantially practically essentially) near3 parallel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:17
S87	517	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and ( (substantially practically essentially) near3 parallel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:29
S88	25	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and ( (substantially practically essentially) near3 parallel)) and ((vertically vertical) near3 (aligned alignment aligning))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:19

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S89	0	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning)) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware) near3 (operatively functionally) near3 (connected attached affixed fixed mounted) near3 (structure framework frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:35
S90	0	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning)) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:22
S91	2	(apparatus device appliance instrument equipment hardware) and (frame structure framework) and (first near3 (projection beam light laser optical) near3 (source emitter origin)) and (second near3 (projection beam light laser optical) near3 (source emitter origin)) and (third near3 (projection beam light laser optical) near3 (source emitter origin)) and ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning)) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 09:23

## EAST Search History

S92	415	((((measurement metrology surveying survey measuring) with (apparatus device appliance instrument equipment hardware)) same (frame structure framework)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with ((substantially practically essentially) near3 parallel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:33
S93	126	((((measurement metrology surveying survey measuring) with (apparatus device appliance instrument equipment hardware)) same (frame structure framework)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning adjusted adjustment)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:46
S94	0	(((((tree lumber timber pole forest tower mast) near3 (height tallness verticality verticalness dimension)) with (measurement metrology surveying survey measuring) with (apparatus device appliance instrument equipment hardware)) same (frame structure framework)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning adjusted adjustment)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:39

## EAST Search History

S95	0	(((tree lumber timber pole forest tower mast) ) with (measurement metrology surveying survey measuring) with (apparatus device appliance instrument equipment hardware)) same (frame structure framework)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning adjusted adjustment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:39
S96	78	((( height tallness verticality verticalness dimension)) with (measurement metrology surveying survey measuring) with (apparatus device appliance instrument equipment hardware)) same (frame structure framework)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with ((substantially practically essentially) near3 parallel)) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning adjusted adjustment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:39
S97	0	(((tree timber forestry) with (measurement metrology surveying survey measuring) with (apparatus device appliance instrument equipment hardware)) same (frame structure framework)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with parallel) and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning adjusted adjustment))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:48

## EAST Search History

S98	424	((measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and (frame structure framework) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with (parallel vertically vertical perpendicularly perpendicular coincident) ) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 09:56
S99	0	((tree timber forestry) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and (frame structure framework) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with (parallel vertically vertical perpendicularly perpendicular coincident) ) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 10:29
S100	0	((tree timber forestry) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and ((first second third multiple multiplicity secondary additional other plural several plurality numerous many number) near3 (projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with (parallel vertically vertical perpendicularly perpendicular coincident) ) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 10:18



## EAST Search History

S101	2	((tree timber forestry) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and ((projection beam light laser optical ray) near3 (source emitter origin)) and ((projection beam light laser optical ray) with (parallel vertically vertical perpendicularly perpendicular coincident) ) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 10:21
S102	1	"6282362".pn.	USPAT	OR	OFF	2007/04/17 10:25
S103	2	("6282362" "7110092").pn. and (frame projection source path parallel angle relative vertically aligned vertical plane)	USPAT	OR	ON	2007/04/17 10:28
S104	2	((tree timber forestry) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and ((projection beam light laser optical ray) near3 (source emitter origin)) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 10:31
S105	0	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and ((projection beam light laser optical ray) near3 (source emitter origin)) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:39
S106	0	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and ((projection beam light laser optical ray) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 10:34

## EAST Search History

S107	3	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and (clinometer protractor ((angle obliqueness obliquity) near3 (measurement metrology measuring determining determination) near3 (apparatus device appliance instrument equipment hardware unit element)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 11:01
S108	30	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 10:55
S109	1	("20030174305" "4837717" "6738148" "6282362").pn. and ((projection beam light laser ray) same (source origin) same (aligned adjusted positioned located situated) same (vertical perpendicular vertically perpendicularly))	US-PGPUB; USPAT	OR	ON	2007/04/17 11:00
S110	30	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware theodolite))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 11:02
S111	0	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware theodolite)) and ((projection beam light laser ray) same (source origin) same (aligned adjusted positioned located situated) same (vertical perpendicular vertically perpendicularly))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 11:02
S112	14	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware theodolite)) and (vertical perpendicular vertically perpendicularly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 11:33

## EAST Search History

S113	0	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and parallel and ((vertically vertical perpendicularly perpendicular) near3 (aligned alignment aligning)) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware) near3 (operatively functionally) near3 (connected attached affixed fixed mounted joined) near3 (structure framework frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:41
S114	30793	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 11:38
S115	14706	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:39
S116	2836	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:39
S117	1987	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and parallel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:40

## EAST Search History

S118	1555	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and parallel and (vertically vertical perpendicularly perpendicular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:40
S119	8	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and parallel and (vertically vertical perpendicularly perpendicular) and (((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:45
S120	0	(frame structure framework) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and ((source emitter origin) with parallel) and ((source emitter origin) with (vertically vertical perpendicularly perpendicular)) and (((((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor) with (connected attached affixed fixed joined mounted) with (frame structure framework))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:48

## EAST Search History

S121	0	(first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and ((source emitter origin) with parallel) and ((source emitter origin) with (vertically vertical perpendicularly perpendicular)) and (((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor) with (connected attached affixed fixed joined mounted) with (frame structure framework))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:48
S122	0	(first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor) with (connected attached affixed fixed joined mounted) with (frame structure framework))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:48
S123	23	(first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2007/04/17 11:54

## EAST Search History

S124	0	((box crate object article item body) near3 (orientation position dimension height width tilt skew angle) near3 (measuring measurement determining determination)) and (conveyer mover roller belt track) and (first near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (second near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (third near3 (projection beam light laser optical ultrasonic acoustic ultrasound audio) near3 (source emitter origin)) and (((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:21
S125	2683	franking	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:22
S126	246	franking and ((box crate item article object body) near3 (dimension measurement sizing height width angle orientation position))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:23
S127	5	franking and ((box crate item article object body) near3 (dimension measurement sizing height width angle orientation position)) and ((multiple plural several one two three first second third many multiplicity numerous plurality) with ((projection light laser acoustic ultrasound ultrasonic photonic) near3 (emitter source origin)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:26
S128	32556	((box crate item article object body) near3 (dimension measurement sizing height width angle orientation position)) and ((multiple plural several one two three first second third many multiplicity numerous plurality) with ((projection light laser acoustic ultrasound ultrasonic photonic) near3 (emitter source origin)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:29

## EAST Search History

S129	6683	((box crate item article object body) near3 (dimension measurement sizing height width angle orientation position)) same ((multiple plural several one two three first second third many multiplicity numerous plurality) with ((projection light laser acoustic ultrasound ultrasonic photonic) near3 (emitter source origin)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:30
S130	158	((box crate item article object body) near3 (dimension measurement sizing height width angle orientation position)) same ((multiple plural several one two three first second third many multiplicity numerous plurality) with ((projection light laser acoustic ultrasound ultrasonic photonic) near3 (emitter source origin))) and (((angle obliquity obliqueness incline slope tilt slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 12:59
S131	133	((multiple plural several one two three first second third many multiplicity numerous plurality) with ((parallel vertical perpendicular co\$1linear coincident coplanar) near4 (projection light laser acoustic ultrasound ultrasonic photonic) near3 (emitter source origin scanner))) and (((angle obliquity obliqueness incline slope tilt slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:15
S132	191	((box crate carton package object body article item) with (dimension dimensional height width length angle orientation position) with (measuring determining detecting sensing sensed detected determined measured measurement determination detection)) and (((parallel vertical perpendicular co\$1linear coincident coplanar) near4 (projection light laser acoustic ultrasound ultrasonic photonic) near3 (emitter source origin scanner))) and (((angle obliquity obliqueness incline slope tilt slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware)) protractor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:20
S133	0	((tree near3 (height elevation stature tallness highness loftiness)) with (measurement metrology surveying survey measuring) near4 (apparatus device appliance instrument equipment hardware)) and (((Planar adj laser adj illumination adj imaging) PLIIM) near3 system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:41

## EAST Search History

S134	0	((frame tripod structure stand framework) same (((Planar near3 (laser light ultrasonic ultrasound photonic) near3 illumination near3 imaging) PLIIM) near3 system)) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware) near3 (operatively functionally) near3 (connected attached affixed fixed mounted joined) near3 (structure framework frame))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:44
S135	0	(((Planar near3 (laser light ultrasonic ultrasound photonic) near3 illumination near3 imaging) PLIIM) near3 system) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware) near3 (connected attached affixed fixed mounted joined) near3 (structure framework frame stand tripod))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:46
S136	93	(((Planar near3 (laser light ultrasonic ultrasound photonic) near3 illumination near3 imaging) PLIIM) near3 system) and ((angle obliquity obliqueness incline slope slant) near3 (measuring measurement determining determination) near3 (apparatus device appliance instrument equipment hardware) with (structure framework frame stand tripod))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 13:46
S137	197	356/3.01.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S138	79	356/3.02.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S139	76	356/3.03.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S140	77	356/3.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S141	129	356/9.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S142	609	356/601.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S143	247	356/602.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46



## EAST Search History

S144	122	356/606.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S145	758	356/614.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S146	222	356/623.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:46
S147	2302	382/100.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:47
S148	313	382/106.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:47
S149	973	702/150.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:47
S150	371	702/151.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:47
S151	292	702/152.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:47
S152	83	(S137 S138 S139 S140 S141 S142 S143 S144 S145 S146 S147 S148 S149 S150 S151) and ((parallel co\$1linear co\$1incident) near5 (projection light laser ultrasonic ultrasound acoustic photonic beam) near3 (source emitter origin)) and ((vertical vertically perpendicular perpendicularly) near3 (aligned alignment plane planar))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 08:25
S153	4	(S137 S138 S139 S140 S141 S142 S143 S144 S145 S146 S147 S148 S149 S150 S151) and ((parallel co\$1linear co\$1incident) near5 (projection light laser ultrasonic ultrasound acoustic photonic beam) near3 (source emitter origin)) and ((projection projector light laser ultrasonic ultrasound acoustic photonic beam source emitter) near4 (vertical vertically perpendicular perpendicularly) near3 (aligned alignment plane planar)) and ((angle tilt incline slope slant) near3 (measuring detecting determining determination measurement detection) near3 (device apparatus appliance instrument equipment module element unit portion section part))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/17 15:09

## EAST Search History

S154	85	((parallel co\$1linear co\$1incident) near5 (projection light laser ultrasonic ultrasound acoustic photonic beam) near3 (source emitter origin)) and ((projection projector light laser ultrasonic ultrasound acoustic photonic beam source emitter) near4 (vertical vertically perpendicular perpendicularly) near3 (aligned alignment plane planar)) and ((angle tilt incline slope slant) near3 (measuring detecting determining determination measurement detection) near3 (device apparatus appliance instrument equipment module element unit portion section part))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 15:39
S155	2	((pair couple paired duo dual third set) near4 (parallel co\$1linear co\$1incident) near5 (projection light laser ultrasonic ultrasound acoustic photonic beam) near3 (source emitter origin)) and ((projection projector light laser ultrasonic ultrasound acoustic photonic beam source emitter) near4 (vertical vertically perpendicular perpendicularly) near3 (aligned alignment plane planar)) and ((angle tilt incline slope slant) near3 (measuring detecting determining determination measurement detection) near3 (device apparatus appliance instrument equipment module element unit portion section part))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 15:46
S156	14	((pair couple paired duo dual third set) near3 (parallel co\$1linear co\$1incident) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam)) and ((projection projector light laser ultrasonic ultrasound acoustic photonic beam source emitter) near3 (vertical vertically perpendicular perpendicularly) near3 (aligned alignment plane planar)) and (((angle tilt incline slope slant) near3 (measuring detecting determining determination measurement detection) protractor) near3 (device apparatus appliance instrument equipment module element unit portion section part))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/17 15:49
S157	985	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescant illumination illuminating) near3 (source origin)) same ((vertical perpendicular vertically perpendicularly) near3 (alignment plane aligning planar aligned))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:13

## EAST Search History

S158	18	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) near3 (source origin)) same ((vertical perpendicular vertically perpendicularly) near3 (alignment plane aligning planar aligned)) and (protractor ((angle skew slant slope tilt lean obliquity obliqueness) near3 (measuring detecting determining determination measurement detection sensing indicating indication indicator) near3 (device instrument equipment apparatus appliance module element unit portion section part contraption)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:23
S159	68	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) near3 (source origin)) and ((source origin) near3 (vertical perpendicular vertically perpendicularly) near3 (alignment plane aligning planar aligned)) and (protractor ((angle skew slant slope tilt lean obliquity obliqueness) near3 (measuring detecting determining determination measurement detection sensing indicating indication indicator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:37
S160	0	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) near3 (source origin fan) near3 ("in the same" substantially essentially practically) near5 ((vertical vertically ) near3 (alignment plane aligning planar aligned))) and (protractor ((angle skew slant slope tilt lean obliquity obliqueness) near3 (measuring detecting determining determination measurement detection sensing indicating indication indicator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:47

## EAST Search History

S161	3	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescant illumination illuminating) near3 (source origin fan) near3 ("in the same" substantially essentially practically) near5 ((vertical vertically ) near3 (alignment plane aligning planar aligned)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:48
S162	58	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescant illumination illuminating) near3 ("in the same" substantially essentially practically) near5 ((vertical vertically ) near3 (alignment plane aligning planar aligned)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:50
S163	345	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescant illumination illuminating) with ("in the same" substantially essentially practically) with ((vertical near3 (plane alignment) (vertically near3 (planar aligned aligning))))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:58
S164	14	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescant illumination illuminating) with ("in the same" substantially essentially practically) with ((vertical near3 (plane alignment) (vertically near3 (planar aligned aligning)))))) and (protractor ((angle skew slant slope tilt lean obliquity obliqueness) near3 (measuring detecting determining determination measurement detection sensing indicating indication indicator)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 07:53
S165	33	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescant illumination illuminating) near5 ("in the same" substantially essentially practically) near5 ((vertical adj (plane alignment)) (vertically adj (planar aligned aligning planed))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:01

## EAST Search History

S166	0	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) near5 ("in the same" substantially essentially practically) near5 ((vertical adj (plane alignment)) (vertically adj (planar aligned aligning planed)))) and (protractor ((angle slant slope obliquity obliqueness) near3 (measuring detecting determining determination measurement detection sensing indicating indication indicator detector measurer))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:02
S167	24	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) near5 ("in the same" substantially essentially practically) near5 ((vertical adj (plane alignment)) (vertically adj (planar aligned aligning planed)))) and (protractor angle slant slope obliquity obliqueness)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:06
S168	0	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating)) with ("in the same" substantially essentially practically) with (((vertical not horizontal) adj (plane alignment)) ((vertically not horizontally) adj (planar aligned aligning planed)))) and (protractor (angle obliquity obliqueness) adj (indicator detector indication detection measuring measurement))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:16
S169	34	((plural trio three third several many multiple plurality numerous multiplicity) near3 (projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating)) with ("in the same" substantially essentially practically) with (((vertical not horizontal) adj (plane alignment)) ((vertically not horizontally) adj (planar aligned aligning planed)))) and (protractor (angle obliquity obliqueness))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:09

## EAST Search History

S170	0	((((projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) adj (source emitter element unit device)) with ("in the same" substantially essentially practically) with (((vertical not horizontal) adj (plane alignment)) ((vertically not horizontally) adj (planar aligned aligning planed)))) and (protractor (angle obliquity obliqueness) adj (indicator detector indication detection measuring measurement)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:18
S171	39	((((projection projector emitter emission laser light photonic photon ultrasonic ultrasound infrared beam radiant radiance incandescence incandescent illumination illuminating) adj (source emitter element unit device)) with ("in the same" substantially essentially practically) with (((vertical not horizontal) adj (plane alignment)) ((vertically not horizontally) adj (planar aligned aligning planed)))) and (protractor (angle obliquity obliqueness) adj (indicator detector indication detection measuring measurement)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:18
S172	197	356/3.01.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S173	79	356/3.02.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S174	76	356/3.03.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S175	77	356/3.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S176	129	356/9.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S177	609	356/601.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S178	247	356/602.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S179	122	356/606.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S180	758	356/614.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28

## EAST Search History

S181	222	356/623.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S182	2302	382/100.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S183	313	382/106.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S184	973	702/150.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S185	371	702/151.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S186	292	702/152.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 08:28
S187	20	(S172 S173 S174 S175 S176 S177 S178 S179 S180 S181 S182 S183 S184 S185 S186) and ((parallel co\$1linear co\$1incident co\$1planar) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam projector emitter emission projecting emitting lighting) near3 (source origin)) and ((vertical vertically) near3 (aligned alignment plane planar)) not ((horizontal horizontally) near3 (aligned alignment plane planar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:34
S188	0	(S172 S173 S174 S175 S176 S177 S178 S179 S180 S181 S182 S183 S184 S185 S186) and ((three trio "at least two") near3 (parallel co\$1linear co\$1incident co\$1planar) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam projector emitter emission projecting emitting lighting) near3 (source origin)) and (((vertical vertically) not (horizontal horizontally)) near3 (aligned alignment plane planar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:36
S189	0	((three trio "at least two") near3 (parallel co\$1linear co\$1incident co\$1planar) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam projector emitter emission projecting emitting lighting) near3 (source origin)) and (((vertical vertically) not (horizontal horizontally)) near3 (aligned alignment plane planar))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:37

## EAST Search History

S190	109	((three trio "at least two") near3 (parallel co\$linear co\$incident co\$planar) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam projector emitter emission projecting emitting lighting) near3 (source origin))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:37
S191	3	((three trio "at least two") near3 (parallel co\$linear co\$incident co\$planar) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam projector emitter emission projecting emitting lighting) near3 (source origin)) and (protractor (angle obliquity obliqueness) adj (indicator detector indication detection measuring measurement))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:39
S192	12	((three trio "at least two") near3 (parallel co\$linear co\$incident co\$planar) near3 (projection light laser ultrasonic ultrasound acoustic photonic beam projector emitter emission projecting emitting lighting lasing) near3 (source origin device apparatus element unit module part section portion)) and (protractor (angle obliquity obliqueness) adj (indicator detector indication detection measuring measurement device apparatus element unit module part section portion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 08:41
S193	4	(woodworth same mark).in. and ((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 10:35
S194	0	(woodworth same mark).in. and ((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) and (protractor ((angle obliquity obliqueness slant tilt) adj (detection detector detecting sensor sensing transducer encoder measuring measurement) adj (device mechanism element unit apparatus appliance instrument part portion section module)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 10:41



## EAST Search History

S195	603	((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescent ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) and (protractor ((angle obliquity obliqueness slant tilt) adj (detection detector detecting sensor sensing transducer encoder measuring measurement) adj (device mechanism element unit apparatus appliance instrument part portion section module)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 10:46
S196	105	((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescent ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) same (protractor ((angle obliquity obliqueness slant tilt) adj (detection detector detecting sensor sensing transducer encoder measuring measurement) adj (device mechanism element unit apparatus appliance instrument part portion section module)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 10:47
S197	0	((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescent ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) same (protractor ((angle obliquity obliqueness slant tilt) adj (detection detector detecting sensor sensing transducer encoder measuring measurement) adj (device mechanism element unit apparatus appliance instrument part portion section module))) and (((projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescent ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) with ((vertical vertically) near3 (arranged positioned aligned alignment arrangement)) not ((horizontal horizontally) near3 (arranged positioned aligned alignment arrangement)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/04/18 10:49

## EAST Search History

S198	16	("3436968"   "3513444"   "3588480"   "4179707"   "4226536"   "4286880"   "4773029"   "4905512"   "5105392"   "5220536"   "5331118"   "5422861"   "5501571").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 10:49
S199	40	("5699161").URPN.	USPAT	OR	ON	2007/04/18 10:49
S200	16	("3436968"   "3513444"   "3588480"   "4179707"   "4226536"   "4286880"   "4773029"   "4905512"   "5105392"   "5220536"   "5331118"   "5422861"   "5501571").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 10:49
S201	24	("5923428").URPN.	USPAT	OR	ON	2007/04/18 10:49
S202	16	("3436968"   "3513444"   "3588480"   "4179707"   "4226536"   "4286880"   "4773029"   "4905512"   "5105392"   "5220536"   "5331118"   "5422861"   "5501571").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 10:49
S203	22	("5991041").URPN.	USPAT	OR	ON	2007/04/18 10:49
S204	16	("3436968"   "3513444"   "3588480"   "4179707"   "4226536"   "4286880"   "4773029"   "4905512"   "5105392"   "5220536"   "5331118"   "5422861"   "5501571").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 10:49
S205	18	("6137577").URPN.	USPAT	OR	ON	2007/04/18 10:50
S206	23	(S198 S199 S200 S201 S202 S203 S204 S205) and (((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module))))	USPAT	OR	ON	2007/04/18 11:00
S207	0	(S198 S199 S200 S201 S202 S203 S204 S205) and (((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) same (protractor ((angle obliquity obliqueness slant tilt) adj (detection detector detecting sensor sensing transducer encoder measuring measurement) adj (device mechanism element unit apparatus appliance instrument part portion section module))))	USPAT	OR	ON	2007/04/18 11:05
S208	244	356/3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:02

## EAST Search History

S209	129	356/9.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:09
S210	81	356/11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:02
S211	609	356/601.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S212	247	356/602.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S213	147	356/603.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S214	101	356/604.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S215	89	356/605.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S216	122	356/606.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S217	42	356/607.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S218	156	356/608.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S219	138	356/609.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S222	47	356/610.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:03
S223	51	356/611.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S224	120	356/612.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S225	299	356/613.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S226	758	356/614.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S227	274	356/615.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04

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S228	216	356/622.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S229	222	356/623.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S230	339	356/625.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S231	170	356/634.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S232	263	356/635.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:04
S233	0	(S208 S209 S210 S211 S212 S213 S214 S215 S216 S217 S218 S219 S220 S221 S222 S223 S224 S225 S226 S227 S228 S229 S230 S231 S232) and (((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module))) same (protractor ((angle obliquity obliqueness slant tilt) adj (detection detector detecting sensor sensing transducer encoder measuring measurement) adj (device mechanism element unit apparatus appliance instrument part portion section module))))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:06
S234	908	(S208 S209 S210 S211 S212 S213 S214 S215 S216 S217 S218 S219 S220 S221 S222 S223 S224 S225 S226 S227 S228 S229 S230 S231 S232) and ((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:15
S235	8	(S209 S210) and (((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescant ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:10

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S236	24	(S208 S209 S210 S211 S212 S213 S214 S215 S216 S217 S218 S219 S220 S221 S222 S223 S224 S225 S226 S227 S228 S229 S230 S231 S232) and ((multiple several many three trio third plural numerous plurality multiplicity) near3 (projector projection projecting illumination illuminating photodiode photoemitter light laser lasing incandescent ultrasonic ultrasound) near3 (source projector emitter element unit device apparatus section portion part module)) and ((vertical vertically) adj (arranged aligned arrangement alignment)) not ((horizontal horizontally) adj (arranged aligned arrangement alignment))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 11:31
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